

L Number	Hits	Search Text	DB	Time stamp
1	23	"5441918"	USPAT; US-PGPUB	2004/06/25 12:55
.	578	313/512.ccls.	USPAT; US-PGPUB	2004/03/11 09:11
.	255	313/512.ccls. and (LED or (light adj emitting adj diode))	USPAT; US-PGPUB	2004/03/08 17:13
.	8	("4267559"   "4920404"   "4935665"   "5119174"   "5173839"   "5857767"   "6274924"   "6428189").PN.	USPAT	2004/03/08 16:34
.	2	"6452217"	USPAT; US-PGPUB	2004/03/08 17:17
.	15	("4170399"   "4849803"   "5119174"   "5177500"   "5225023"   "5339198"   "5612576"   "5614763"   "5760479"   "5864171"   "5909056"   "6022759"   "6084250"   "6149283"   "6220722").PN.	USPAT	2004/03/08 17:17
.	3	"6407411"	USPAT; US-PGPUB	2004/03/08 17:18
.	1	"6483196"	USPAT; US-PGPUB	2004/03/08 17:20
.	2	("5475417"   "5479049").PN.	USPAT	2004/03/08 17:19
.	3	"6420178"	USPAT; US-PGPUB	2004/03/08 17:21
.	5	("5143854"   "5575858"   "5685917"   "5695659"   "6171345").PN.	USPAT	2004/03/08 17:21
.	2	"6604971"	USPAT; US-PGPUB	2004/03/08 17:33
.	8	("3706885"   "4081764"   "4825084"   "5847507"   "5922395"   "5959316"   "5998925"   "6066861").PN.	USPAT	2004/03/08 17:22
.	25706	LED and (nanoparticles gold silver)	USPAT; US-PGPUB	2004/03/08 17:33
.	2434	LED same (nanoparticles gold silver)	USPAT; US-PGPUB	2004/03/08 17:34
.	1006	LED with (nanoparticles gold silver)	USPAT; US-PGPUB	2004/03/08 17:34
.	159	(LED adj5 (lamp device display)) same (nanoparticles gold silver)	USPAT; US-PGPUB	2004/03/08 17:36
.	0	(LED adj5 (lamp device display)) same ((nanoparticles gold silver) with susp\$6)	USPAT; US-PGPUB	2004/03/08 17:37
.	594	((LED or (light adj emitting adj diode)) adj4 lamp) same (mount\$4)	USPAT; US-PGPUB	2004/03/09 09:54
.	54	((LED or (light adj emitting adj diode)) adj4 lamp) same (mount\$4 with (epoxy resin))	USPAT; US-PGPUB	2004/03/09 10:27
.	54	((LED or (light adj emitting adj diode)) adj4 lamp) same (mount\$4 with (epoxy resin susp\$6))	USPAT; US-PGPUB	2004/03/09 12:51
.	1	5630320.pn.	USPAT; US-PGPUB	2004/03/09 12:07
.	4	("5128843"   "5604480"   "5632551"   "5966393").PN.	USPAT	2004/03/09 12:30
.	58	((LED or (light adj emitting adj diode)) adj4 lamp) same encapsul\$6	USPAT; US-PGPUB	2004/03/09 12:59
.	31	"3676668"	USPAT; US-PGPUB	2004/03/09 14:23
.	11	"6015719"	USPAT; US-PGPUB	2004/03/09 14:29
.	3	("5376580"   "5502316"   "5793062").PN.	USPAT	2004/03/09 14:23
.	111	((LED or (light adj emitting adj diode)) adj lamp) and (Ag silver same epoxy)	USPAT; US-PGPUB	2004/03/09 14:30
.	13	((LED or (light adj emitting adj diode)) adj lamp) same ((Ag silver) with epoxy)	USPAT; US-PGPUB	2004/03/09 14:57
.	0	6410980.URPN.	USPAT	2004/03/09 14:57
.	0	6410980.URPN.	USPAT	2004/03/09 14:57
.	24	((LED or (light adj emitting adj diode)) adj lamp) same (thermal\$4 adj6 conduct\$4)	USPAT; US-PGPUB	2004/03/09 15:13
.	5	("4729076"   "4733335"   "4774434"   "5038255"   "5528474").PN.	USPAT	2004/03/09 15:07

603	thermal\$5 adj conduct\$5 adj filler	USPAT;	2004/03/09 15:14
23	(thermal\$5 adj conduct\$5 adj filler) and lamp	US-PGPUB USPAT;	2004/03/09 15:16
58	313/500-512.ccls. and (led or (diode adj5 lamp)) same ((encapsul\$6 suspen\$6 epoxy resin) with phosphor)	US-PGPUB USPAT;	2004/03/09 16:06
546	(led or (diode adj5 lamp)) with float\$4	US-PGPUB USPAT;	2004/03/09 16:03
1	( (led or (diode adj5 lamp)) with float\$4) same (thermal\$4 adj conduct\$5)	US-PGPUB USPAT;	2004/03/09 16:04
546	( ("LED" or (diode adj5 lamp)) with float\$4)	US-PGPUB USPAT;	2004/03/09 16:05
5	( (diode adj5 lamp) with float\$4)	US-PGPUB USPAT;	2004/03/09 16:05
40	(led or (diode adj5 lamp)) same ((encapsul\$6 suspen\$6 epoxy resin) with phosphor)	US-PGPUB EPO; JPO;	2004/03/09 16:15
0	((semiconductor LED) adj lamp) and (nano adj3 particles)	DERWENT USPAT;	2004/03/09 16:17
0	((semiconductor LED) adj lamp) same (nano adj3 particles)	US-PGPUB USPAT;	2004/03/09 16:18
0	(LED adj lamp) same (nano adj3 particles)	US-PGPUB USPAT;	2004/03/09 16:18
22	"5777433"	US-PGPUB USPAT;	2004/03/09 16:45
7	("3739241"   "3760237"   "5019746"   "5093768"   "5289082"   "5460701"   "5514349").PN.	US-PGPUB USPAT	2004/03/09 16:19
13	5777433.URPN.	USPAT	2004/03/09 16:28
6	("5518831"   "5777433"   "5997958"   "6162853"   "6284834"   "6361660").PN.	USPAT	2004/03/09 16:29
246	((nano adj particles) or (particles adj9 (nanometer nm))) with crystal	USPAT;	2004/03/09 18:21
0	((nano adj particles) or (particles adj9 (nanometer nm))) with crystal and (LED adj lamp)	US-PGPUB USPAT;	2004/03/09 18:21
2	(silicone adj3 epoxy) same (LED adj lamp)	US-PGPUB USPAT;	2004/03/10 14:46
0	(silicone adj3 epoxy) with (LED adj lamp)	US-PGPUB USPAT;	2004/03/10 14:46
5	(silicone adj3 epoxy) and (LED adj lamp)	US-PGPUB USPAT;	2004/03/10 14:47
10	(silicone near epoxy) and (LED adj lamp)	US-PGPUB USPAT;	2004/03/10 15:25
286	(silicone epoxy) and (LED adj lamp)	US-PGPUB USPAT;	2004/03/10 15:25
50	(silicone with epoxy) and (LED adj lamp)	US-PGPUB USPAT;	2004/03/10 15:38
0	(LED adj lamp) same (carbon adj7 black)	US-PGPUB USPAT;	2004/03/10 15:38
10	(LED adj lamp) and (carbon adj7 black)	US-PGPUB USPAT;	2004/03/10 15:39
0	(LED adj lamp) and (" Ti 0.sub.2")	US-PGPUB USPAT;	2004/03/10 15:42
12	(LED adj lamp) and fillers	US-PGPUB USPAT;	2004/03/10 15:40
31	(LED adj lamp) and (" TiO.sub.2")	US-PGPUB USPAT;	2004/03/10 16:12
65	(LED adj lamp) and (carbon)	US-PGPUB USPAT;	2004/03/10 16:16
19	(LED adj lamp) and (spac\$4 adj3 element)	US-PGPUB USPAT;	2004/03/10 16:16
27	((LED (light adj emitting adj diode) diode (semiconductor) (solid adj state)) adj lamp) same ((heat thermal) adj conduct\$5)	US-PGPUB USPAT;	2004/03/10 16:47
2468	((semiconductor (solid adj state) LED diode) adj (lamp body component unit) ) and cool\$5	US-PGPUB USPAT;	2004/03/11 09:13

-	44	((semiconductor (solid adj state) LED diode) adj (lamp body component unit) ) and (cool\$5 with ((Ag silver) (Au gold)))	USPAT; US-PGPUB	2004/03/11 09:14
-	8	((semiconductor (solid adj state) LED diode) adj (lamp body component unit) ) same (cool\$5 with ((Ag silver) (Au gold)))	USPAT; US-PGPUB	2004/03/11 09:28
-	11	("3386867"   "3850688"   "3914785"   "3959522"   "4179534"   "4186410"   "4188710"   "4301188"   "4454528"   "4471005"   "4510514").PN.	USPAT	2004/03/11 09:16
-	18	5440574.URPN.	USPAT	2004/03/11 09:26
-	7	((semiconductor (solid adj state) LED diode) adj (lamp body component unit) ) same (crystal with (particles))	USPAT; US-PGPUB	2004/03/11 09:29
-	0	((semiconductor (solid adj state) LED diode) adj (lamp)) same (fum\$4 with carbon)	USPAT; US-PGPUB	2004/03/11 09:31
-	0	(LED adj (lamp)) same (fum\$4 with carbon)	USPAT; US-PGPUB	2004/03/11 09:31
-	0	(LED adj (lamp)) same (fum\$4 with "Al.sub.2 O.sub.3")	USPAT; US-PGPUB	2004/03/11 09:32
-	0	(LED adj (lamp)) same (fum\$4 with alumina)	USPAT; US-PGPUB	2004/03/11 09:32
-	0	(LED adj5 (lamp)) same (fum\$4 with alumina)	USPAT; US-PGPUB	2004/03/11 09:33
-	180	(LED adj5 (lamp)) same (diffus\$4 scatter\$4)	USPAT; US-PGPUB	2004/03/11 09:39
-	4	(LED adj5 (lamp)) same ((diffus\$4 scatter\$4) with crystal\$6)	USPAT; US-PGPUB	2004/03/11 09:39
-	27086	silica with cryst\$7	USPAT; US-PGPUB	2004/03/11 09:40
-	0	(silica with cryst\$7) and (LED adj lamp)	USPAT; US-PGPUB	2004/03/11 09:40
-	8	"01337"	EPO; JPO; DERWENT	2004/03/11 10:24
-	5	reeh.in. and semiconductor	USPAT; US-PGPUB	2004/03/11 10:25
-	9	5618872.URPN.	USPAT	2004/03/11 10:29
-	30	(nano adj5 particles) with crystal	USPAT; US-PGPUB	2004/03/11 11:30
-	1	5225023.pn.	USPAT; US-PGPUB	2004/03/11 11:34
-	1	6452217.pn.	USPAT; US-PGPUB	2004/03/11 11:44
-	1	6452217.URPN.	USPAT	2004/03/11 11:34
-	15	("3834883"   "5225023"   "5847507"   "5865529"   "5998925"   "6084250"   "6132072"   "6165631"   "6281526"   "6294800"   "6340824"   "6351069"   "6361192"   "6452217"   "6501100"   "2002/0084745").PN.	USPAT	2004/03/11 11:35
-	1	5777433.pn.	USPAT; US-PGPUB	2004/03/11 11:44
-	7	("3739241"   "3760237"   "5019746"   "5093768"   "5289082"   "5460701"   "5514349").PN.	USPAT	2004/03/11 11:45
-	13	5777433.URPN.	USPAT	2004/03/11 11:51
-	113	tsuji.in. and (lead adj frame)	EPO; JPO; DERWENT	2004/03/11 14:11
-	1	6410980.pn.	USPAT; US-PGPUB	2004/03/11 13:38
-	482	tsuji.in. and semiconductor	USPAT; US-PGPUB	2004/03/11 13:39
-	76	tsuji.in. and (semiconductor with resin)	USPAT; US-PGPUB	2004/03/11 14:11
-	1	6015719.pn.	USPAT; US-PGPUB	2004/03/11 13:57
-	3	("5376580"   "5502316"   "5793062").PN.	USPAT	2004/03/11 13:57
-	9	tsuji.in. and ((silver Ag) with epoxy)	USPAT; US-PGPUB	2004/03/11 14:01
-	252	tsuji.in. and (epoxy)	EPO; JPO; DERWENT	2004/03/11 14:11

47	tsuji.in. and (epoxy same semiconductor)	EPO; JPO; DERWENT	2004/03/11 14:14
1	tsuji.in. and (epoxy near silver)	EPO; JPO; DERWENT	2004/03/11 14:15
34	"5793062"	USPAT; US-PGPUB	2004/03/11 14:15
11	("4309670"   "5008718"   "5132750"   "5218223"   "5229627"   "5233204"   "5363393"   "5406095"   "5414281"   "5466950"   "5502316").PN.	USPAT	2004/03/11 14:16
13	((semiconductor (solid adj state) LED diode) adj lamp) same ((Ag silver) adj6 epoxy)	USPAT; US-PGPUB	2004/03/11 15:35
11591	quartz with crystal	USPAT; US-PGPUB	2004/03/11 15:55
0	(quartz with crystal) near (epoxy or encapsulat\$4)	USPAT; US-PGPUB	2004/03/11 15:55
1646	(quartz with crystal) and lamp	USPAT; US-PGPUB	2004/03/11 15:56
12	(quartz with crystal) and (LED adj lamp)	USPAT; US-PGPUB	2004/03/11 15:56
2	((led diode (solid adj state) (semi-conductor)) adj3 (lamp light display)) near (suspension)	USPAT; US-PGPUB	2004/06/22 17:32
99	((led diode (solid adj state) (semi-conductor)) adj3 (lamp light display)) same (suspension)	USPAT; US-PGPUB	2004/06/22 17:45
15	("5309070"   "5338944"   "5416342"   "5578839"   "5604763"   "5640792"   "5644584"   "5813752"   "5813753"   "5895932"   "5898185"   "5998925"   "6066861"   "6234648"   "6252254").PN.	USPAT	2004/06/22 17:37
12	"6274890"	USPAT; US-PGPUB	2004/06/22 18:09
8	("3607710"   "4247864"   "4827118"   "5177593"   "5198479"   "5614131"   "5793062"   "6274890").PN.	USPAT	2004/06/22 18:00
16	minnear.in.	USPAT; US-PGPUB	2004/06/22 18:10
20988	(led or (light adj emitting adj diode) or (semiconductor) or chip) with (float\$4 surround\$4)	EPO; JPO; DERWENT	2004/06/23 12:03
1763	(led or (light adj emitting adj diode)) with (float\$4 surround\$4)	EPO; JPO; DERWENT	2004/06/23 12:04
1	(led or (light adj emitting adj diode)) with ((float\$4 surround\$4) adj suspen\$6)	EPO; JPO; DERWENT	2004/06/23 12:04
282	(light adj emitting adj diode) with (float\$4 surround\$4)	EPO; JPO; DERWENT	2004/06/23 12:56
630	313/512.ccls.	USPAT; US-PGPUB	2004/06/23 12:57
284	313/512.ccls. and (LED or (light adj emitting adj diode))	USPAT; US-PGPUB	2004/06/23 15:11
3	("5847507"   "5900647"   "5998925").PN.	USPAT	2004/06/23 13:18
0	6586874.URPN.	USPAT	2004/06/23 13:18
0	6586874.URPN.	USPAT	2004/06/23 13:19
14	("3922233"   "4661419"   "5198679"   "5571451"   "5717289"   "5813753"   "5847507"   "5851063"   "5925897"   "5966393"   "5998925"   "6066861"   "6069440"   "6084250").PN.	USPAT	2004/06/23 13:44
5	("4211955"   "4727289"   "4783726"   "4939426"   "5160200").PN.	USPAT	2004/06/23 14:08
11	("3849383"   "3938177"   "3999280"   "4000437"   "4058750"   "4267486"   "4486364"   "4843280"   "4859632"   "4890383"   "5059373").PN.	USPAT	2004/06/23 14:18
10	5167556.URPN.	USPAT	2004/06/23 14:22
7	(silver adj3 epoxy) with (transparen\$4)	USPAT; US-PGPUB	2004/06/23 15:27
11	"5167556"	USPAT; US-PGPUB	2004/06/23 15:27
5511	curing with shrink\$4	USPAT; US-PGPUB	2004/06/24 17:11
69	(curing with shrink\$4) and (light adj emitting adj diode)	USPAT; US-PGPUB	2004/06/24 17:11

9	"6121637"	USPAT;	2004/06/25 09:56
1654	epoxy near (silicon\$2 adj epoxy)	US-PGPUB	2004/06/25 09:56
1276	epoxy near (silicone adj epoxy)	USPAT;	2004/06/25 09:57
24	(epoxy near (silicone adj epoxy)) same LED	US-PGPUB	2004/06/25 10:01
3	(epoxy near (silicone adj epoxy)) same (light adj emitting adj diode)	USPAT;	2004/06/25 10:01
1197	(gold silver) with (thermal\$4 adj conduct\$3)	US-PGPUB	2004/06/25 11:05
83	((gold silver) with (thermal\$4 adj conduct\$3)) and LED	USPAT;	2004/06/25 11:06
10	((nano adj particles) or nano-particles or nanoparticles) with (single adj crystal)) and diode	US-PGPUB	2004/06/25 11:24
38	((nano adj particles) or nano-particles or nanoparticles) with (single adj crystal)	USPAT;	2004/06/25 11:18
570	diamond same (led or (light adj emitting adj diode))	US-PGPUB	2004/06/25 11:24
1	(light adj emitting adj diode) same (diamond with particles)	USPAT;	2004/06/25 11:57
0	(light adj emitting adj diode) same (diamond with particles)	EPD; JPD;	2004/06/25 11:57
2	(light adj emitting adj diode) same (crystal with particles)	DERWENT	2004/06/25 12:00
66	(light adj emitting adj diode) same (single adj6 crystal)	US-PGPUB	2004/06/25 12:08
242	(light adj emitting adj diode) same (single adj6 crystal)	US-PGPUB	2004/06/25 12:09
0	(light adj emitting adj diode) same ((single adj6 crystal) near diamond)	USPAT	2004/06/25 12:09
1	(light adj emitting adj diode) same (diamond adj6 particles)	USPAT	2004/06/25 12:10
29	( (light adj emitting adj diode) or diode or led) same (diamond adj6 particles)	USPAT	2004/06/25 12:12
29	( (light adj emitting adj diode) or diode or LED) same (diamond adj6 particles)	USPAT	2004/06/25 12:12
10	( (light adj emitting adj diode) or diode) same (diamond adj6 particles)	USPAT	2004/06/25 12:54
25	"4178274"   "4336367"   "4454201"   "4661419"   "4783695"   "4933042"   "5108825"   "5145889"   "5198479"   "5198679"   "5226053"   "5353498"   "5527741"   "5571451"   "5813753"   "5847507"   "5851063"   "5895932"   "5898185"   "5925897"   "5966393"   "5998925"   "6066861"   "6069440"   "6335548"   "2001/0026011"   "2002/0056806").PN.	USPAT	2004/06/25 12:15